

Section II  
Soil and Site Information

Sanitary Facilities Table 1  
Bennett County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Aa: Lohmiller-----	85	Very limited Flooding Restricted permeability	1.00 1.00	Very limited Flooding	1.00
AlB: Altvan-----	90	Very limited Filtering capacity Restricted permeability	1.00 0.50	Very limited Seepage	1.00
AnB: Anselmo-----	90	Very limited Filtering capacity	1.00	Very limited Seepage  Slope	1.00  0.32
AtE: Anselmo-----	45	Very limited Filtering capacity Slope	1.00 0.96	Very limited Slope  Seepage	1.00  1.00
Tassel-----	30	Very limited Depth to bedrock  Slope	1.00  0.96	Very limited Depth to soft bedrock Slope	1.00  1.00
Bk: Bankard-----	85	Very limited Filtering capacity Flooding	1.00 0.40	Very limited Seepage  Flooding	1.00  0.40
Bo: Orthents, Hummocky--	90	Not rated		Not rated	
CnF: Canyon-----	60	Very limited Depth to bedrock  Slope	1.00  1.00	Very limited Depth to soft bedrock Slope	1.00  1.00

Section II  
Soil and Site Information

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Rock Outcrop, Sandstone-----	20	Not rated		Not rated	
CoF: Canyon-----	50	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
Oglala-----	30	Very limited Slope	1.00	Very limited Slope	1.00
		Depth to bedrock	0.78	Seepage	0.50
		Restricted permeability	0.50	Depth to soft bedrock	0.42
Cr: Canyon-----	60	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
Rock Outcrop, Sandy-	25	Not rated		Not rated	
CyD2: Canyon-----	60	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
				Slope	1.00
Rosebud-----	30	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Restricted permeability	0.50	Slope	1.00
				Seepage	0.50
DkA: Dawes-----	60	Somewhat limited Depth to saturated zone	0.94	Somewhat limited Seepage	0.50
		Restricted permeability	0.50	Depth to saturated zone	0.39

Section II  
Soil and Site Information

Sanitary Facilities Table 1  
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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Keith-----	30	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50
DrB: Dawes-----	65	Somewhat limited Depth to saturated zone Restricted permeability	0.94 0.50	Somewhat limited Seepage Depth to saturated zone	0.50 0.39
Richfield-----	30	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
DsB: Dunday-----	90	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.08
Vetal-----	3	Not limited		Very limited Seepage	1.00
DtA: Dunday-----	60	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
Anselmo-----	30	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.08
DtC: Dunday-----	65	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 1.00
Anselmo-----	25	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.68

Section II  
Soil and Site Information

Sanitary Facilities Table 1  
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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Du: Dunday-----	50	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
Elsmere-----	45	Very limited Depth to saturated zone	1.00	Very limited Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
DvB: Dunday-----	50	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	0.08
Valentine-----	35	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	0.32
EhF: Epping-----	55	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
Kadoka-----	30	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Slope	0.63	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
Ga: Gannett-----	85	Very limited Depth to saturated zone	1.00	Very limited Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00

Section II  
Soil and Site Information

Sanitary Facilities Table 1  
Bennett County, South Dakota

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
GoA: Mobridge-----	90	Somewhat limited Depth to saturated zone Restricted permeability	0.94 0.50	Somewhat limited Seepage Depth to saturated zone	0.50 0.39
GoB: Mobridge-----	90	Somewhat limited Restricted permeability	0.50	Somewhat limited Slope Seepage	0.68 0.50
Gr: Nihill-----	85	Very limited Slope	1.00	Very limited Slope Seepage	1.00 1.00
HaA: Haverson-----	90	Very limited Flooding Restricted permeability	1.00 0.50	Very limited Flooding Seepage	1.00 0.50
HtB: Holt-----	45	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock Seepage Slope	1.00 1.00 0.08
Tuthill-----	45	Very limited Filtering capacity Restricted permeability	1.00 0.50	Very limited Seepage Slope	1.00 0.08
HtC: Holt-----	45	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 1.00

Section II  
Soil and Site Information

Sanitary Facilities Table 1  
Bennett County, South Dakota

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Tuthill-----	45	Very limited Filtering capacity Restricted permeability	1.00 0.50	Very limited Seepage Slope	1.00 1.00
Hv: Hoven-----	95	Very limited Restricted permeability Depth to saturated zone Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Ponding Seepage	1.00 1.00 0.18
KaB: Kadoka-----	90	Very limited Depth to bedrock Restricted permeability	1.00 0.50	Very limited Depth to soft bedrock Seepage Slope	1.00 0.50 0.32
KeA: Keith-----	90	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50
KeB: Keith-----	85	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage Slope	0.50 0.32
KhD: Keith-----	65	Somewhat limited Restricted permeability Slope	0.50 0.16	Very limited Slope Seepage	1.00 0.50
Colby-----	20	Somewhat limited Restricted permeability Slope	0.50 0.37	Very limited Slope Seepage	1.00 0.50

Section II  
Soil and Site Information

Sanitary Facilities Table 1  
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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
KrA: Keith-----	50	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50
Rosebud-----	45	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Restricted permeability	0.50	Seepage	0.50
KrB: Keith-----	55	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50
				Slope	0.32
Rosebud-----	35	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32
KuC: Keith-----	45	Somewhat limited Restricted permeability	0.50	Very limited Slope	1.00
				Seepage	0.50
Ulysses-----	45	Somewhat limited Restricted permeability	0.50	Very limited Slope	1.00
				Seepage	0.50
La: Lamo-----	85	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.68	Seepage	0.32

Section II  
Soil and Site Information

Sanitary Facilities Table 1  
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		Rating class and limiting features	Value	Rating class and limiting features	Value
Lo: Loup-----	90	Very limited Flooding Depth to saturated zone Filtering capacity	1.00 1.00 1.00	Very limited Flooding Seepage Depth to saturated zone	1.00 1.00 1.00
Ma: Aquolls-----	90	Not rated		Not rated	
Me: Minatare-----	80	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00
Mm: Mosher-----	65	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Somewhat limited Depth to saturated zone Seepage Slope	0.71 0.32 0.08
Minatare-----	30	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Seepage	1.00 1.00
OcE: Oglala-----	50	Very limited Slope Depth to bedrock Restricted permeability	1.00 0.78 0.50	Very limited Slope Seepage Depth to soft bedrock	1.00 0.50 0.42
Canyon-----	30	Very limited Depth to bedrock Slope	1.00 0.63	Very limited Depth to soft bedrock Slope	1.00 1.00



Section II  
Soil and Site Information

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
OrA: Oglala-----	65	Somewhat limited Depth to bedrock Restricted permeability	0.78 0.50	Somewhat limited Seepage Depth to soft bedrock	0.50 0.42
OrB: Oglala-----	50	Somewhat limited Depth to bedrock Restricted permeability	0.78 0.50	Somewhat limited Slope Seepage  Depth to soft bedrock	0.68 0.50  0.42
RkA: Richfield-----	45	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
Keith-----	45	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50
RkB: Richfield-----	45	Very limited Restricted permeability	1.00	Somewhat limited Seepage  Slope	0.50  0.32
Keith-----	40	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage  Slope	0.50  0.32
TaF: Tassel-----	60	Very limited Depth to bedrock  Slope	1.00  1.00	Very limited Depth to soft bedrock Slope	1.00  1.00
Anselmo-----	25	Very limited Slope Filtering capacity	1.00 1.00	Very limited Slope Seepage	1.00 1.00

Section II  
Soil and Site Information

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		Rating class and limiting features	Value	Rating class and limiting features	Value
TnB: Anselmo-----	45	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	0.32
Tuthill-----	45	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
		Restricted permeability	0.50	Slope	0.08
TnC: Tuthill-----	40	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
		Restricted permeability	0.50	Slope	1.00
Anselmo-----	40	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	1.00
VaC: Valentine-----	90	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
		Slope	0.37	Slope	1.00
VaD: Valentine-----	85	Very limited Slope	1.00	Very limited Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
VeD: Valentine-----	60	Very limited Slope	1.00	Very limited Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
Tassel-----	25	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00

Section II  
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		Rating class and limiting features	Value	Rating class and limiting features	Value
VgA: Mobridge-----	45	Somewhat limited Depth to saturated zone Restricted permeability	0.94 0.50	Somewhat limited Seepage Depth to saturated zone	0.50 0.39
Vetal-----	45	Not limited		Very limited Seepage	1.00
VhD: Vetal-----	60	Not limited		Very limited Seepage Slope	1.00 1.00
Holt-----	25	Very limited Depth to bedrock Slope	1.00 0.63	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 1.00
w: Water (less Than 40 Acres)-----	100	Not rated		Not rated	
ww: Water (greater Than 40 Acres)-----	100	Not rated		Not rated	

